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Amendments to the Drawings:

The attached replacement sheet replaces the original sheet.

In Figure 4, the applicant has amended the figure to indicate that the Inbound Plug is reference character 420.

Attachments following last page of this Amendment:

      Replacement Sheet (1 page)
      Annotated Sheet Showing Change(s) (1 page)

REMARKS

Claims 1-19 are pending as of the action mailed on 12 March 2007.

Claims 1, 3-5, 8, 10-16, 18 and 19 are being amended; claim 9 has been canceled; and no new claims have been added. Support for the amendments to the claims may be found within the applicant's specification at least at page 2, lines 22-23; page 11, line 24 through page 12, line 5; and page 17, lines 17-20.

Reexamination and reconsideration of the action are requested in light of the forgoing amendments and the following remarks.

Drawings

The examiner noted that the Inbound Plug should be referenced as character 420. The examiner further noted that five reference characters were not mentioned in the description, the five reference characters including, "View Composition" (reference character 245), "Component Context" (reference character 255), "Controller Usage" (reference character 315), "Embedder Context" (reference character 320) and "UI Element" (reference character 410 and 415).

A replacement sheet for Figure 4 is attached, and the specification has been amended to include references to the characters noted above. Withdrawal of the objection to the drawings is therefore respectfully requested.

Specification

The examiner noted that the "Runtime Framework" was referenced as "Runtime Framework 305" and "Runtime Framework 115" and the "Component Repository" was referenced as "Component Repository 115" in the disclosure. The specification has been amended to remove the reference numbers associated with the "Runtime Framework" and to associate the "Component Repository" with reference number 110 as indicated on page 5, line 21 of the applicant's specification.

Withdrawal of the objection to the specification is therefore respectfully requested.

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Claim Objections

The examiner has noted that the "component" should be amended to indicate a "reusable component". The applicant has amended the claims according to the examiner's suggestion as noted above. This amendment does not change the scope of the claims. Withdrawal of the objection to the claims is therefore respectfully requested.

Section 101 Rejections

The examiner has rejected claims 1-18 under 35 U.S.C. § 101 as allegedly being directed to non-statutory subject matter. To expedite prosecution, and with out prejudice, independent claims 1, 8 and 10-12 have been amended. Claims 2-7 and 13-18 respectively depend from claims 1 and 12.

Withdrawal of the rejections under 35 U.S.C. § 101 is therefore respectfully requested.

Section 102 Rejections

Claim 8 is rejected under 35 U.S.C. § 102(b) as allegedly being anticipated by "Using SNAP External Application Software Component" ("EXT"), by Template Software, Inc.

Claim 8 has been amended to include the limitations of claim 9, which include "a component interface having a programming interface, a data-binding interface and a visual interface". The applicant respectfully submits that the recited modification limitations are not found within EXT.

Section 103 Rejections

Claims 1-6, 12-17 and 19 are rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the combined teachings of "Getting Started with SNAP" ("START") and "Using the SNAP Development Environment" ("SNAPDEV"), by Template Software, Inc.

Claims 7 and 18 are rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the combined teachings of START, SNAPDEV and "Using the SNAP" ("LANG"), by Template Software, Inc.

Claim 10 is rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the combined teachings of START, by Template Software, Inc. in view of U.S. Patent Pub. 2003/0046395 A1 ("Flemming").

Claim 11 is rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the combined teachings of LANG, by Template Software, Inc. in view of U.S. Patent 5,426,747 A1 ("Weinreb").

Claims 1, 12 and 19

Claims 1, 12 and 19 have been amended to overcome other objections and rejections as noted above. With regard to the combined teachings of START and SNAPDEV cited by the examiner as rendering the claims unpatentable, the applicant respectfully disagrees.

Specifically, the applicant's claim language clearly requires a component, wherein the single component has three interfaces (a programming interface, a data-binding interface and a visual interface). START, Fig. 5-1, page 5-3 clearly teaches a software application comprising multiple components, which multiple components the examiner has cited as individually teaching the functionalities of the applicant's interfaces (office action dated 12 March 2007, pages 7 and 8). The applicant maintains that the examiner has not shown art consisting of a single component with multiple interfaces and respective functionalities, as required by the applicant's claims. SNAPDEV does nothing to remedy this.

Claim 10

Claim 10 has been amended to clarify the receipt of an event subscription directed to a subscribing component "when the subscribing component has not been instantiated". The applicant respectfully submits that the recited limitations are not found in the combination of START and Flemming.

Specifically, the applicant submits that a demon, as taught by START is an event-driven knowledge source invoked by the occurrence of an event (START page 5-17, lines 3-9). A demon is not "an event subscription directed to a subscribing component when the component

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has not been instantiated" as the demon already exists and therefore does not require instantiation. Additionally, a demon is not an event subscription "specifying subscriptions to one or more events generated by sub-components embedded by the subscripting component".

Claim 11

To expedite prosecution, and without prejudice, claim 11 has been amended for clarity and to recite the features shown in Fig. 3. The applicant respectfully submits that the recited modification limitations are not found in the combination of LANG and Weinreb.

Remaining Claims

The remaining claims depend from or correspond to independent claims 1 and 12 and are allowable for at least the reasons that apply to those independent claims.

Withdrawal of the rejections under 35 U.S.C. § 103(a) is therefore respectfully requested.

Conclusion

By responding in the foregoing remarks only to particular positions taken by the examiner, the applicant does not acquiesce with other positions that have not been explicitly addressed. In addition, the applicant's selecting some particular arguments for the patentability of a claim should not be understood as implying that no other reasons for the patentability of that claim exist. Finally, the applicant's decision to amend or cancel any claim should not be understood as implying that the applicant agrees with any positions taken by the examiner with respect to that claim or other claims.

Please apply any other charges or credits to deposit account 06-1050.

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Respectfully submitted,

Date: 12 June 2007

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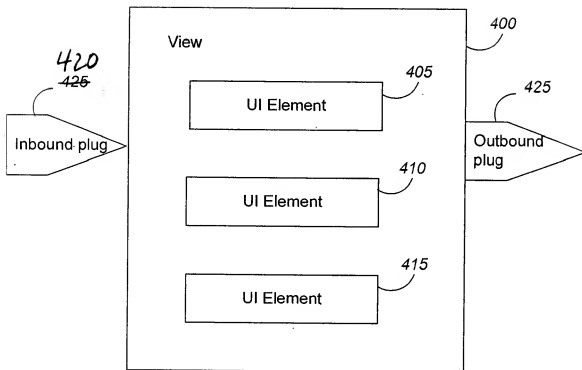FIG. 4